

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1-57 (cancelled)

58. (currently amended) An isolated polynucleotide comprising:

(a) a nucleotide sequence encoding a polypeptide having Glutamyl-tRNA synthetase activity, wherein the polypeptide has an amino acid sequence of at least 80% sequence identity, based on the Clustal V ~~method of alignment~~ pairwise alignment method with default parameters of KTUPLE=1, GAP PENALTY=3, WINDOW=5 and DIAGONALS SAVED=5, when compared to SEQ ID NO:10, or

(b) a full-length complement of the nucleotide sequence of (a).

59. (currently amended) The polynucleotide of Claim 58, wherein the amino acid sequence of the polypeptide has at least 85% sequence identity, based on the Clustal V ~~method of alignment~~ pairwise alignment method with default parameters of KTUPLE=1, GAP PENALTY=3, WINDOW=5 and DIAGONALS SAVED=5, when compared to one of SEQ ID NO:10.

60. (currently amended) The polynucleotide of Claim 58, wherein the amino acid sequence of the polypeptide has at least 90% sequence identity, based on the Clustal V ~~method of alignment~~ pairwise alignment method with default parameters of KTUPLE=1, GAP PENALTY=3, WINDOW=5 and DIAGONALS SAVED=5, when compared to one of SEQ ID NO:10.

61. (currently amended) The polynucleotide of Claim 58, wherein the amino acid sequence of the polypeptide has at least 95% sequence identity, based on the Clustal ~~V~~method of alignment pairwise alignment method with default parameters of KTUPLE=1, GAP PENALTY=3, WINDOW=5 and DIAGONALS SAVED=5, when compared to one of SEQ ID NO:10.
62. (previously presented) The polynucleotide of Claim 58, wherein the amino acid sequence of the polypeptide comprises SEQ ID NO:10.
63. (previously presented) The polynucleotide of Claim 58, wherein the nucleotide sequence comprises SEQ ID NO:9.
64. (previously presented) A vector comprising the polynucleotide of Claim 58.
65. (previously presented) A recombinant DNA construct comprising the polynucleotide of Claim 58 operably linked to at least one regulatory sequence.
66. (previously presented) A method for transforming a cell, comprising transforming a cell with the polynucleotide of Claim 58.
67. (previously presented) A cell comprising the recombinant DNA construct of Claim 65.

68. (previously presented) A method for producing a plant comprising transforming a plant cell with the polynucleotide of Claim 58 and regenerating a plant from the transformed plant cell.

69. (previously presented) A plant comprising the recombinant DNA construct of Claim 65.

70. (previously presented) A seed comprising the recombinant DNA construct of Claim 65.